

Electrical Safety Standards

Oberon is actively involved in the Standards development process as participating members on several technical committees. All of Oberon's products have been manufactured in accordance with every applicable Standard. Not only does Oberon help write these Standards, we lead by example in our research, product development, laboratory testing and manufacturing processes.

NFPA 70E and CSA Z462 Standards

The National Fire Protection Association and the Canadian Standards Association address the required elements of corporate electrical safety program, including training, engineering controls, work methods, and ultimately the personal protective apparel as the last line of defense for worker safety.



ANSI Standards

The American National Standards Institute oversees the development of voluntary consensus standards for products, services, processes, systems, and personnel.

ASTM Standards

The American Society of Testing and Materials (ASTM) F18 Committee has developed standards covering the manufacturing, testing, care and use of arc flash PPE. Oberon's products have been certified using the most current version of every applicable ASTM testing standard and are in compliance with the overarching performance standard, ASTM F1506.

ANSI Z87.1 addresses the design and performance characteristics of eye and face protective devices such as arc flash face shields.

ANSI Z89.1 covers the performance, selection, care and use head protective devices such as hard caps and hard hats.

ASTM D120 addresses manufacturing and testing of rubber electrical insulating gloves from worker protection from electrical shocks.

ASTM F696 is the standard that covers leather protectors used in conjunction with rubber electrical gloves.

ASTM F1506 covers the design characteristics of garments and the knit and woven materials of which they are constructed.

ASTM F2178 is the test method developed to determine the protective characteristics of arc flash face shields and hoods against the thermal energy of an electric arc.

ASTM F1959 is the test method developed to determine the protective characteristics of knit and woven material against the thermal energy of an electric arc.

ASTM F2676 is the test standard used to evaluate the design and protective characteristics of arc suppression blankets against the thermal and concussive energy of an electric arc.

